

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) Photosensitive dispersion with adjustable viscosity for the deposition of metal on an insulating substrate, ~~characterised in that it comprises~~ comprising, in combination, a pigment conferring properties of oxidation-reduction under light irradiation, a metallic salt, a sequestering agent for the metallic salt, a liquid film-forming polymeric formulation, a basic compound, an organic solvent and water.

2. (Currently Amended) Dispersion according to Claim 1, ~~characterised in that the wherein~~ said pigment is titanium dioxide.

3. (Currently Amended) Dispersion according to Claim 2, ~~characterised in that~~ wherein the titanium oxide pigment is in the form of a powder with a particle size of 10 nanometres to 10 micrometres, ~~advantageously from 15 nanometres to 1 micrometre.~~

4. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 3,~~ Claim 1, wherein the metallic salt is a transition metal salt.

5. (Currently Amended) Dispersion according to Claim 4, ~~characterised in that~~ wherein the transition metal is ~~chosen~~ selected from the group ~~comprising~~ consisting of copper, gold, platinum, palladium, nickel, cobalt, silver, iron, zinc, cadmium, ruthenium and rhodium.

6. (Currently Amended) Dispersion according to Claim 5, ~~characterised in that~~ wherein the transition metal salt is ~~chosen~~ selected from ~~amongst~~ the group consisting of copper (II) chloride, copper (II)

sulphate, palladium (II) chloride, nickel (II) chloride and mixtures of at least ~~two of these~~ thereof.

7. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 6, characterised in that~~ Claim 1, wherein the sequestering agent for the metallic salt is of the sulphate, chloride or carboxylic acid type.

8. (Currently Amended) Dispersion according to Claim 7, ~~characterised in that~~ wherein the sequestering agent of the carboxylic acid type is tartaric acid, citric acid, a derivative of these or a mixture thereof.

9. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 8, characterised in that~~ Claim 1, wherein the liquid film-forming polymeric formulation is a solution or emulsion.

10. (Currently Amended) Dispersion according to Claim 9, ~~characterised in that it comprises, as a~~ wherein the film-forming polymeric formulation, comprises a solution of the alkyl, acrylic, polyester or epoxy type, an acrylic emulsion or a mixture ~~of these~~ thereof.

11. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 10, characterised in that~~ Claim 1, wherein the basic compound is a base, a basic salt or a mixture ~~of these~~ thereof.

12. (Currently Amended) Dispersion according to Claim 11, ~~characterised in that~~ wherein the basic compound is a base ~~chosen from amongst~~ selected from the group consisting of potassium hydroxide, sodium hydroxide and ammonia.

13. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 12,~~ characterised in that Claim 1, wherein the organic solvent is ~~chosen~~ selected from a ~~the~~ group ~~comprising~~ consisting of ethers, esters, ketones, alcohols and mixtures thereof.

14. (Currently Amended) Dispersion according to Claim 13, characterised in that ~~wherein~~ the organic solvent is ~~chosen~~ selected from amongst the group consisting of dioxane, cyclohexanone, 2-methoxy-1-methylethyl acetate, a mixture of dipropylene glycol methyl ether isomers, a mixture of tripropylene glycol methyl ether isomers and mixtures of at least two of these thereof.

15. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 14,~~ characterised in that it comprises Claim 1, comprising deionised water.

16. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 15,~~ characterised in that it comprises in addition Claim 1, including at least one wetting agent, a dispersing agent or a mixture of these thereof.

17. (Currently Amended) Dispersion according to ~~any one of Claims 2 to 16,~~ characterised in that Claim 2, wherein the concentration of titanium dioxide, as a percentage by weight, is 1% to 50% ~~and preferably 5% to 25%.~~

18. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 17,~~ characterised in that Claim 1, wherein the concentration

of metallic salt, as a percentage by weight, is 0.01% to 5% and preferably 0.05% to 1%.

19. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 18~~, characterised in that Claim 1, wherein the concentration of sequestering agent, as a percentage by weight, is 0.01% to 10% and preferably 0.1% to 1%.

20. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 19~~, characterised in that Claim 1, wherein the concentration of film-forming polymeric formulation, as a percentage by weight, is 1% to 50% and preferably 5% to 25%.

21. (Currently Amended) Dispersion according to ~~any one of Claims 12 to 20~~, characterised in that Claim 1, wherein the concentration of base, as a percentage by weight, is 0.01% to 5% and preferably 0.1% to 1%.

22. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 21~~, characterised in that Claim 1, wherein the concentration of organic solvent, as a percentage by weight, is 0.1% to 55% and preferably 1% to 40%.

23. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 22~~, characterised in that Claim 1, wherein the concentration of water, as a percentage by weight, is 1% to 15%.

24. (Currently Amended) Method of depositing metal on the surface of an insulating substrate, using the photosensitive dispersion according to ~~any one of Claims 1 to 23~~, characterised in that it comprises

Claim 1, comprising the application of the said dispersion in the form of a film on the substrate, selectively or not, the drying of the film applied to the said substrate and irradiation by means of ultraviolet radiation and/or laser with a range of wavelengths between 190 and 450 nm and an energy between 25 mJ/cm² and 100 mJ/cm² until a layer of metal, selective or not, is obtained on the substrate.